

Invoice

P.O. Box 22648
Long Beach, CA 90801-5648
Phone: 562-590-6500

Robert Law
K&L Representing the Cooperating Parties Group
186 Center Street, Suite 290
Clinton, NJ 08809

June 24, 2015
Project No: 6664-02
Invoice No: 711382

Project 6664-02 Lower Passaic River/Newark Bay Modeling Program

Professional Services from April 26, 2015 through May 30, 2015**LPR/NB Modeling Program TOM8**

Task 01 Coordination and Meetings

Professional Personnel

	Hours	Rate	Amount
Senior Engineer/Scientist			
Canizares, Rafael	26.00	195.00	5,070.00
Engineer/Scientist II			
Mathew, Rooni	38.50	172.00	6,622.00
Totals	64.50		11,692.00
Total Labor			11,692.00
Total this Task			\$11,692.00

Task 02 Data Analysis and Monitoring

Professional Personnel

	Hours	Rate	Amount
Staff Engineer/Scientist			
Totals	5.00		595.00
Total Labor			595.00
Total this Task			\$595.00

Task 04 LPR/NB Hydrodynamic Model

Professional Personnel

	Hours	Rate	Amount
Senior Engineer/Scientist			
Canizares, Rafael	24.00	195.00	4,680.00
Staff Engineer/Scientist			
Manian, Dinesh	4.00	119.00	476.00
Totals	28.00		5,156.00
Total Labor			5,156.00
Total this Task			\$5,156.00

Task 05 LPR/NB Sediment Transport Model

Professional Personnel

	Hours	Rate	Amount
Engineer/Scientist II			
Mathew, Rooni	48.00	172.00	8,256.00
Staff Engineer/Scientist			
Manian, Dinesh	5.00	119.00	595.00

Totals	53.00	8,851.00	
Total Labor			8,851.00
		Total this Task	\$8,851.00
		Total this Phase	\$26,294.00

Reimbursable Expenses

Postage & Delivery				
5/1/2015	Federal Express Corp	INV 500494721 TID	13.71	
Computer Software & Hardware				
4/10/2015	Mathew, Rooni	Best Buy	62.04	
	Total Reimbursable Expenses		75.75	75.75
		Total Reimbursable Expenses		\$75.75
		TOTAL DUE THIS INVOICE		\$26,369.75

ACH Payment Remittance Information

Bank Account Name: Moffatt & Nichol

Bank Number: 4159349729

Routing: 121000248

Project	6664-02	Lower Passaic River/Newark Bay Modeling	Invoice	711382
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Billing Backup

Thursday, June 25, 2015

1:56:12 PM

Moffatt & Nichol

Invoice 711382 Dated 6/24/2015

Project	6664-02	Lower Passaic River/Newark Bay Modeling Program
LPR/NB Modeling	Program	TOM8
Task	01	Coordination and Meetings

Professional Personnel

			Hours	Rate	Amount
Senior Engineer/Scientist					
1548	Canizares, Rafael	4/28/2015	2.00	195.00	390.00
1548	Canizares, Rafael	5/1/2015	2.00	195.00	390.00
1548	Canizares, Rafael	5/4/2015	5.00	195.00	975.00
1548	Canizares, Rafael	5/5/2015	5.00	195.00	975.00
1548	Canizares, Rafael	5/6/2015	1.00	195.00	195.00
1548	Canizares, Rafael	5/7/2015	3.00	195.00	585.00
1548	Canizares, Rafael	5/8/2015	4.00	195.00	780.00
1548	Canizares, Rafael	5/14/2015	4.00	195.00	780.00
Engineer/Scientist II					
2219	Mathew, Rooni	5/4/2015	8.00	172.00	1,376.00
2219	Mathew, Rooni	5/5/2015	8.00	172.00	1,376.00
2219	Mathew, Rooni	5/6/2015	8.00	172.00	1,376.00
2219	Mathew, Rooni	5/7/2015	6.50	172.00	1,118.00
2219	Mathew, Rooni	5/8/2015	8.00	172.00	1,376.00
Totals			64.50		11,692.00
Total Labor					11,692.00
Total this Task					\$11,692.00

Task	02	Data Analysis and Monitoring
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Professional Personnel

			Hours	Rate	Amount
Staff Engineer/Scientist					
2301	Manian, Dinesh	4/28/2015	1.00	119.00	119.00
2301	Manian, Dinesh	4/29/2015	2.00	119.00	238.00
2301	Manian, Dinesh	5/7/2015	2.00	119.00	238.00
Totals			5.00		595.00

Project	6664-02	Lower Passaic River/Newark Bay Modeling	Invoice	711382
Total Labor				595.00

Total this Task \$595.00

Task 04 LPR/NB Hydrodynamic Model

Professional Personnel

			Hours	Rate	Amount	
Senior Engineer/Scientist						
1548	Canizares, Rafael	4/27/2015	4.00	195.00	780.00	
1548	Canizares, Rafael	4/29/2015	8.00	195.00	1,560.00	
1548	Canizares, Rafael	4/30/2015	8.00	195.00	1,560.00	
1548	Canizares, Rafael	5/1/2015	4.00	195.00	780.00	
Staff Engineer/Scientist						
2301	Manian, Dinesh	4/29/2015	2.00	119.00	238.00	
2301	Manian, Dinesh	4/30/2015	2.00	119.00	238.00	
Totals			28.00		5,156.00	
Total Labor						5,156.00

Total this Task \$5,156.00

Task 05 LPR/NB Sediment Transport Model

Professional Personnel

			Hours	Rate	Amount	
Engineer/Scientist II						
2219	Mathew, Rooni	4/26/2015	4.00	172.00	688.00	
2219	Mathew, Rooni	4/27/2015	8.00	172.00	1,376.00	
2219	Mathew, Rooni	4/28/2015	8.00	172.00	1,376.00	
2219	Mathew, Rooni	4/29/2015	8.00	172.00	1,376.00	
2219	Mathew, Rooni	4/30/2015	12.00	172.00	2,064.00	
2219	Mathew, Rooni	5/1/2015	8.00	172.00	1,376.00	
Staff Engineer/Scientist						
2301	Manian, Dinesh	4/30/2015	2.00	119.00	238.00	
2301	Manian, Dinesh	5/8/2015	3.00	119.00	357.00	
Totals			53.00		8,851.00	
Total Labor						8,851.00

Total this Task \$8,851.00

Total this Phase \$26,294.00

Project	6664-02	Lower Passaic River/Newark Bay Modeling	Invoice	711382
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Reimbursable Expenses

Postage & Delivery				
AP	218009	5/1/2015	Federal Express Corp / INV 500494721 TID	13.71
Computer Software & Hardware				
EX	000000058229	4/10/2015	Mathew, Rooni / Best Buy	62.04
Total Reimbursables				75.75
				75.75
Total this Phase				\$75.75
Total this Project				\$26,369.75
Total this Report				\$26,369.75

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Billing Information

Tracking ID no.	773355749801
Invoice no.	5-004-94721
Account no.	1903-9632-0
Ship date	04/13/2015
Invoice date	04/17/2015
Due date	05/02/2015
Tracking ID Balance due	\$0.00
Status	Closed

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Messages

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Distance Based Pricing, Zone 2
The Earned Discount for this ship date has been ca [Read More..](#)
Fuel Surcharge - FedEx has applied a fuel surcharg [Read More..](#)
Minimum Billable Weight was applied.

Transaction Details

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Sender Information

Deborah Bashkoff
Moffatt & Nichol
529 5th Avenue
NEW YORK NY 10017
US

Shipment Details

Ship date	04/13/2015
Payment type	Shipper
Service type	FedEx Priority Overnight
Zone	02
Package type	FedEx Box
Actual weight	1.00 lbs
Rated weight	2.00 lbs
Pieces	1
Meter No.	5026004
Declared value	\$0.00

Original Reference

Customer reference no.	6664-02 K, xy
Department no.	
Reference #2	
Reference #3	

Proof of Delivery

Delivery date	04/14/2015 10:07
Service area code	A2
Signed by	N.GLASER

[View signature proof of delivery](#)

Recipient Information

Wen Ku
Anchor QEA, LLC
123 TICE BLVD
WOODCLIFF LAKE NJ 07677
US

Charges

Transportation Charge	25.50
Fuel Surcharge	0.46
Weekday Delivery	0.00
Discount	-11.48
Earned Discount	-0.77
Total charges	\$13.71

Updated Reference

[Edit](#)

Customer reference no.	
Department no.	
Reference #2	
Reference #3	

Cost Allocation Reference

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Cost allocation
Shipment Notes

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Detailed Expense Report

Friday, May 08, 2015

3:57:20 PM

Moffatt & Nichol

Employee 2219 Mathew, Rooni

Signed



Approved



Submitted

Organization MNE:NE:NY

Expense Report: Hard disk for AQEA

Report Date: 5/8/2015

Line	Date	Category	Description	Project	Phase	Task	Bill	Company Paid	Credit Card	Account	Currency Code	Amount	Payment Amount
1	4/10/2015	Computer Supplies (Hardware)	Best Buy	6664-02	XY		<input checked="" type="checkbox"/>	<input type="checkbox"/>		530.00	USD	62.04	62.04

Lower Passaic River/Newark Bay Modeling

Business Reason: Hard disk to transfer model outputs to AQEA

Total Expenses	62.04
Amount Advanced	
Company Paid	
Total Due	62.04

IK5/15/15

WELCOME TO BEST BUY #1028
529 5TH AVE
NEW YORK, NY 10017
(212) 808-0309

Keep your receipt!
New York City
Dept. of Consumer Affairs
Electronic Store Lic. No. 1211434
Electronic Home Lic. No. 1211435
2nd hand dealer Lic. No. 1246649



Val #:000054-593958-121988-017348-085512-144

1028 013 4122 04/10/15 13:41

Duplicate Receipt

9028413 WDBPGC5000A 56 99
MY PASSPORT ULTRA 500GB PORTAB
23.00 SALE DISCOUNT
ITEM TAX 5.05

SUBTOTAL 56 99
SALES TAX AMOUNT 5 05
=====

TOTAL 62 04

ROONI MATHEW VISA 62 04
APPROVAL 03502C

OTHER SAVINGS: 23 00
TOTAL SAVINGS: 23 00

14-day return period on Phones and Carrier
Connectable Devices for all customers.

15-day return period on
almost everything else.

Except where prohibited, a valid receipt
and ID is required for all returns.
ID info may be stored in a secure,
encrypted database used for tracking
returns and exchanges.



529 5th Avenue
1st floor
New York, NY 10017

(212) 768-75
Fax (212) 768-7936

Detailed Description of work done by M&N personnel assigned to the LPR/NB Modeling Program Task Order Memoranda 8 - Specific Work 04/26/2015 to 05/14/2015 M&N Project No. 6664

Initiated at the LPR/NB for the period

Hydrodynamics principal Investigator - Rafael Cañizares.

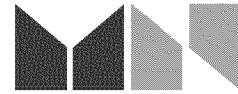
Task 1 – Project Management	<ul style="list-style-type: none"> Internal coordination with Deltares and M&N, tasks to be completed Calls and Coordination with Project Coordinator Coordination with Project Coordinator and AQEA including calls for modeling update Prepare Invoice for February 2015 and March/April 2015 Review ST report attachments
Task 4 – LR/NB Hydrodynamic Modeling	<ul style="list-style-type: none"> Complete Hydrodynamic model report and Bathymetry analysis report

Roon Mathew.

Task 1 – Project Management	<ul style="list-style-type: none"> Develop ST report attachment (Gust microclimate, Sediment volume), Finalize OC model report Develop ST report attachments (Sedimentation) Develop ST report attachments (Re-entrainment analysis) Develop ST report attachments (PWCM regressions) Develop ST report attachments (Settling Velocity)
Task 5 – LR/NB Sediment Transport Modeling	<ul style="list-style-type: none"> Finalize Spring PWCM ABS-SSC regression application, revise bathymetry analysis report, revise ST report Finalize Spring PWCM ABS-SSC regression application, revise bathymetry analysis report, develop ST report Discuss Spring PWCM ABS-SSC time-series HQI, develop final ST report Develop final ST report

Dnesh Manan

Task 2 – Data Analysis	<ul style="list-style-type: none"> Computing historical infill volumes; Processing the Spring PWCM ADCP data; Updating settling velocity analysis report.
Task 4 – LR/NB	<ul style="list-style-type: none"> Comparing model results at salinity transect and PWCM



Hydrodynamic Modelng	
Task 5 – LR/NB Sediment Transport Modelng	<ul style="list-style-type: none">• Mdel-data cmparisns ith ne Spring PWCM ADCP slids data;• Cmparison f Spring PWCM mdel SSC at each sigma-l evel ith data and predictin intervals